

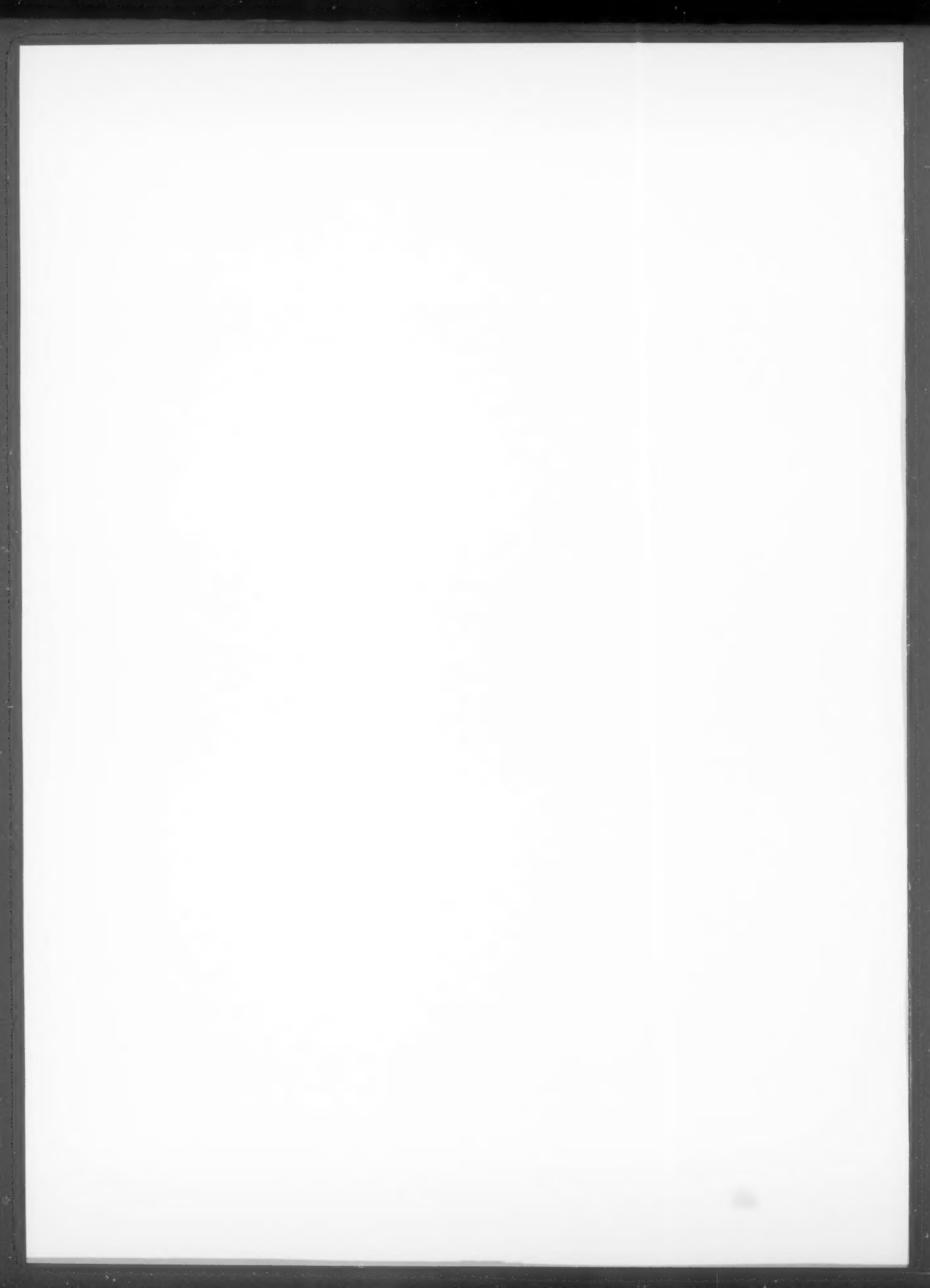
JOURNAL OF Neurobiology

Author Index to Volume 62

- Abbott, L. C.: see Nahm, S.-S.
- Adams, D. N., Kao, E. Y.-C., Hypolite, C. L., Distefano, M. D., Hu, W.-S., Letourneau, P. C.: Growth Cones Turn and Migrate up an Immobilized Gradient of the Laminin IKVAV Peptide, 134
- Adem, A.: see Chen, Z.
- Alberta, J. A.: see Sauvageot, C.
- Ali, D. W.: see Slatter, C. A. B.
- Alladi, P. A., Roy, T., Singh, N., Wadhwa, S.: Developmentally Regulated Expression of c-Fos and c-Jun in the Brainstem Auditory Nuclei of *Gallus domesticus* Is Modified by Prenatal Auditory Enrichment, 92
- Ayali, A.: see Shefi, O.
- Baldauf, K., Braun, K., Gruss, M.: Opiate Modulation of Monoamines in the Chick Forebrain: Possible Role in Emotional Regulation? 149
- Ball, G. F.: see Sockman, K. W.
- Barthelemy, C.: see Raoul, C.
- Becker, N.: see Weint, C.
- Becq, H., Jorquera, I., Ben-Ari, Y., Weiss, S., Represa, A.: Differential Properties of Dentate Gyrus and CA1 Neural Precursors, 243
- Ben-Ari, Y.: see Becq, H.
- Ben-Jacob, E.: see Shefi, O.
- Besson, M., Martin, J.-R.: Centrophobism/Thigmotaxis, a New Role for the Mushroom Bodies in *Drosophila*: 386
- Blau, J.: see Nitabach, M. N.
- Braun, K.: see Baldauf, K.
- Braun, K.: see Poeggel, G.
- Brun-Zinkernagel, A.-M.: see Yang, S.-H.
- Bucher, D.: see Pulver, S. R.
- Chang, M.-S.: see Sauvageot, C.
- Chen, Z., Duan, R.-S., Quezada, H. C., Mix, E., Nennesmo, I., Adem, A., Winblad, B., Zhu, J.: Increased Microglial Activation and Astroglia after Intranasal Administration of Kainic Acid in C57BL/6 Mice, 207
- Comer, C.: see Libersat, F.
- Coutts, C. A.: see Slatter, C. A. B.
- Couzinnet, A.: see Raoul, C.
- Cutright, J.: see Yang, S.-H.
- Dahia, P. L.: see Sauvageot, C.
- Day, A. L.: see Yang, S.-H.
- Days, E. L.: see Gahring, L. C.
- Denburg, J. L., Huguen, R. W., Tucker, D., Kater, S. B.: Fate of Constitutive Endocytic Vesicles Formed in the Growth Cone: Transport of Vesicles from One Growth Cone to Another in the Same Neuron, 262
- Dierkes, P. W., Schlue, W.-R.: Ca^{2+} Influx into Identified Leech Neurons Induced by 5-Hydroxytryptamine, 106
- Dijkhuizen, P. A., Ghosh, A.: BDNF Regulates Primary Dendrite Formation in Cortical Neurons via the PI3-Kinase and MAP Kinase Signaling Pathways: 278
- Distefano, M. D.: see Adams, D. N.
- Duan, R.-S.: see Chen, Z.
- Enger, M. K.: see Nahm, S.-S.
- Erzurumlu, R. S.: see Özdinler, P. H.
- Fujie, S., Yamamoto, T., Murakami, J., Hatakeyama, D., Shiga, H., Suzuki, N., Ito, E.: Nitric Oxide Synthase and Soluble Guanylyl Cyclase Underlying the Modulation of Electrical Oscillations in a Central Olfactory Organ, 14
- Gahring, L. C., Persiyanov, K., Days, E. L., Rogers, S. W.: Age-Related Loss of Neuronal Nicotinic Receptor Expression in the Aging Mouse Hippocampus Corresponds with Cyclooxygenase-2 and PPAR γ Expression and Is Altered by Long-Term NS398 Administration, 453
- Gentner, T. Q.: see Sockman, K. W.
- Ghosh, A.: see Dijkhuizen, P. A.
- Golebowicz, S.: see Shefi, O.
- Griffith, W. H.: see Nahm, S.-S.
- Gruss, M.: see Baldauf, K.
- Hancock, D.: see Raoul, C.
- Han, P.-L.: see Kim, I. O.
- Hatakeyama, D.: see Fujie, S.
- Hazelett, D. J., Weeks, J. C.: Segment-Specific Muscle Degeneration Is Triggered Directly by a Steroid Hormone during Insect Metamorphosis, 164
- Hirata, T.: see Kawasaki, T.
- Holmes, T. C.: see Nitabach, M. N.
- Hueber, A.-O.: see Raoul, C.
- Hughen, R. W.: see Denburg, J. L.
- Hu, W.-S.: see Adams, D. N.
- Hypolite, C. L.: see Adams, D. N.
- Ito, E.: see Fujie, S.
- Jeon, S.-H.: see Kim, I. O.
- Jorquera, I.: see Becq, H.
- Jung, K.-Y.: see Nahm, S.-S.

- Kaczmarek, L. K.: see Liu, S. J.
 Kanji, H.: see Slatter, C. A. B.
 Kao, E. Y.-C.: see Adams, D. N.
 Kater, S. B.: see Denburg, J. L.
 Kawasaki, T., Takagi, Y., Yamatani, H., Hirata, T.: Systematic Screening and Identification of Antigens Recognized by Monoclonal Antibodies Raised against the Developing Lateral Olfactory Tract, 330
 Kim, I. C.: see Kim, I. O.
 Kim, I. O., Kim, I. C., Kim, S., Kwon, Y. K., Han, P.-L., Jeon, S.-H., Kim, S. H.: CNS Midline Cells Contribute to Maintenance of the Initial Dorsoventral Patterning of the *Drosophila* Ventral Neuroectoderm, 397
 Kim, S.: see Kim, I. O.
 Kim, S. H.: see Kim, I. O.
 Kimura, N.: see Vasilakos, K.
 Kittelberger, J. M., Mooney, R.: Acute Injections of Brain-Derived Neurotrophic Factor in a Vocal Premotor Nucleus Reversibly Disrupt Adult Birdsong Stability and Trigger Syllable Deletion, 406
 Kolodziejski, J. A., Nelson, B. S., Smith, G. T.: Sex and Species Differences in Neuromodulatory Input to a Premotor Nucleus: A Comparative Study of Substance P and Communication Behavior in Weakly Electric Fish, 299
 Konishi, M.: see Nick, T. A.
 Kwon, Y. K.: see Kim, I. O.
- Letourneau, P. C.: see Adams, D. N.
 Leung, V.: see Libersat, F.
 Libersat, F., Leung, V., Mizrahi, A., Mathenia, N., Comer, C.: Maturation of Escape Circuit Function during the Early Adulthood of Cockroaches *Periplaneta americana*, 62
 Lipan, O.: see Sauvageot, C.
 Liu, R.: see Yang, S.-H.
 Liu, S. J., Kaczmarek, L. K.: Aminoglycosides Block the Kv3.1 Potassium Channel and Reduce the Ability of Inferior Colliculus Neurons to Fire at High Frequencies, 439
 Loeschinger, J.: see Weinl, C.
- Marder, E.: see Pulver, S. R.
 Martin, J.-R.: see Besson, M.
 Mathenia, N.: see Libersat, F.
 Meisner, S.: see Torkkeli, P. H.
 Mix, E.: see Chen, Z.
 Mizrahi, A.: see Libersat, F.
 Mooney, R.: see Kittelberger, J. M.
 Murakami, J.: see Fujie, S.
- Nahm, S.-S., Jung, K.-Y., Enger, M. K., Griffith, W. H., Abbott, L. C.: Differential Expression of T-Type Calcium Channels in P/Q-Type Calcium Channel Mutant Mice with Ataxia and Absence Epilepsy, 352
 Nelson, B. S.: see Kolodziejski, J. A.
 Nennesmo, I.: see Chen, Z.
 Nick, T. A., Konishi, M.: Neural Auditory Selectivity Develops in Parallel with Song, 469
 Nick, T. A., Konishi, M.: Neural Song Preference during Vocal Learning in the Zebra Finch Depends on Age and State, 231
 Nitabach, M. N., Sheeba, V., Vera, D. A., Blau, J., Holmes, T. C.: Membrane Electrical Excitability Is Necessary for the Free-Running Larval *Drosophila* Circadian Clock, 1
 Nowicki, L.: see Poeggel, G.
- Omanska, A.: see Pravosudov, V. V.
 Omanska, A.: see Pravosudov, V. V.
 Özdinler, P. H., Ulupinar, E., Erzurumlu, R. S.: Dose and Age-Dependent Axonal Responses of Embryonic Trigeminal Neurons to Localized NGF via p75^{NTR} Receptor, 189
- Park, J. K.: see Sauvageot, C.
 Perez, E.: see Yang, S.-H.
 Persyanov, K.: see Gahring, L. C.
 Pettmann, B.: see Raoul, C.
 Poeggel, G., Nowicki, L., Braun, K.: Early Social Environment Interferes with the Development of NADPH-Diaphorase-Reactive Neurons in the Rodent Orbital Prefrontal Cortex, 42
 Pravosudov, V. V., Omanska, A.: Dominance-Related Changes in Spatial Memory Are Associated with Changes in Hippocampal Cell Proliferation Rates in Mountain Chickadees, 31
 Pravosudov, V. V., Omanska, A.: Prolonged Moderate Elevation of Corticosterone Does Not Affect Hippocampal Anatomy or Cell Proliferation Rates in Mountain Chickadees (*Parus gambeli*), 82
 Pulver, S. R., Bucher, D., Simon, D. J., Marder, E.: Constant Amplitude of Postsynaptic Responses for Single Presynaptic Action Potentials But Not Bursting Input during Growth of an Identified Neuromuscular Junction in the Lobster, *Homarus americanus*, 47
- Quezada, H. C.: see Chen, Z.
- Raoul, C., Barthelemy, C., Couzinet, A., Hancock, D., Pettmann, B., Hueber, A.-O.: Expression of a Dominant Negative Form of Daxx *In Vivo* Rescues Motoneurons from Fas (CD95)-Induced Cell Death, 178
 Remmers, J. E.: see Vasilakos, K.
 Represa, A.: see Becq, H.
 Rogers, S. W.: see Gahring, L. C.
 Roy, T.: see Alladi, P. A.
- Sauvageot, C., Dahia, P. L., Lipan, O., Park, J. K., Chang, M.-S., Alberta, J. A., Stiles, C. D.: Distinct Temporal Genetic Signatures of Neurogenic and Gliogenic Cues in Cortical Stem Cell Cultures, 121
 Schlue, W.-R.: see Dierkes, P. W.
 Sheeba, V.: see Nitabach, M. N.
 Shefi, O., Golebowicz, S., Ben-Jacob, E., Ayali, A.: A Two-Phase Growth Strategy in Cultured Neuronal Networks as Reflected by the Distribution of Neurite Branching Angles, 361
 Shiga, H.: see Fujie, S.
 Simon, D. J.: see Pulver, S. R.
 Simpkins, J. W.: see Yang, S.-H.
 Singh, M.: see Yang, S.-H.
 Singh, N.: see Alladi, P. A.
 Slatter, C. A. B., Kanji, H., Coutts, C. A., Ali, D. W.: Expression of PKC in the Developing Zebrafish, *Danio rerio*, 425
 Smith, G. T.: see Kolodziejski, J. A.
 Sockman, K. W., Gentner, T. Q., Ball, G. F.: Complementary Neural Systems for the Experience-Dependent Integration of Mate-Choice Cues in European Starlings, 72
 Stiles, C. D.: see Sauvageot, C.
 Suzuki, N.: see Fujie, S.

- Takagi, Y.:** see Kawasaki, T.
- Torkkeli, P. H., Widmer, A., Meisner, S.:** Expression of Muscarinic Acetylcholine Receptors and Choline Acetyltransferase Enzyme in Cultured Antennal Sensory Neurons and Non-Neural Cells of the Developing Moth *Manduca sexta*, 316
- Trimmer, B. A.:** see Vermehren, A.
- Tucker, D.:** see Denburg, J. L.
- Ulupinar, E.:** see Özdinler, P. H.
- Vasilakos, K., Wilson, R. J. A., Kimura, N., Remmers, J. E.:** Ancient Gill and Lung Oscillators May Generate the Respiratory Rhythm of Frogs and Rats, 369
- Vera, D. A.:** see Nitabach, M. N.
- Vermehren, A., Trimmer, B. A.:** Expression and Function of Two Nicotinic Subunits in Insect Neurons, 289
- Wadhwa, S.:** see Alladi, P. A.
- Weeks, J. C.:** see Hazelett, D. J.
- Weinl, C., Becker, N., Loeschinger, J.:** Responses of Temporal Retinal Growth Cones to EphrinA5-Coated Beads, 219
- Weiss, S.:** see Becq, H.
- Wen, Y.:** see Yang, S.-H.
- Widmer, A.:** see Torkkeli, P. H.
- Wilson, R. J. A.:** see Vasilakos, K.
- Winblad, B.:** see Chen, Z.
- Yamamoto, T.:** see Fujie, S.
- Yamatani, H.:** see Kawasaki, T.
- Yang, S.-H., Liu, R., Wen, Y., Perez, E., Cutright, J., Brun-Zinkernagel, A.-M., Singh, M., Day, A. L., Simpkins, J. W.:** Neuroendocrine Mechanism for Tolerance to Cerebral Ischemia-Reperfusion Injury in Male Rats, 341
- Zhu, J.:** see Chen, Z.



JOURNAL OF Neurobiology

Subject Index to Volume 62

- Acetylcholine, 316
 Aging, 453
 Aminoglycosides, 439
 Androgen receptor, 341
 Antigen screening, 330
 Apoptosis, 207, 425
Apterionotus, 299
 Astrocyte, 207
 Ataxia, 352
 Auditory, 469
 Auditory telencephalon, 72
 Axonal guidance, 134
- Basic fibroblast growth factor, 243
Bax^{-/-} mice, 189
 Beads, 219
 Bird song, 72
 Birdsong, 231, 406, 469
- Ca²⁺ imaging, 289
 Calcium, 106
 Caudomedial mesopallium (CMM, cmHV), 72
 Caudomedial nidopallium (NCM), 72
 Cell proliferation, 31
 Central nervous system, 330
 Central pattern generators, 47
 Central posterior/prepacemaker nucleus (CP/PPn), 299
 Centrophobism, 386
 Cerebral ischemia tolerance, 341
 Chemosensory, 316
 Chick, 219
 Chick brainstem auditory nuclei, 92
 Chirp, 299
 Chronic recording, 469
 Chronic stress, 82
 Ciliary ganglion neurons, 262
 Circadian clock, 1
 CNS midline cells, 397
 Cortex, 278
 Cortical stem cells, 121
 Corticosterone, 82
 Coupled oscillators, 369
 COX-2, 453
 Crustaceans, 47
 Culture, 361
 Cyclic GMP, 14
- DAGO, 149
 Daxx dominant negative, 178
 Dendrite, 278
 Development, 1, 231, 469
 Differentiation, 121
 Distress vocalization, 149
 Domestic chick, 149
 Dorsal root ganglion, 425
 Dorsoventral patterning, 397
Drosophila, 386, 397
Drosophila melanogaster, 1
- Electric organ discharge (EOD), 299
 Electrical coupling, 47
 Electrophysiology, 469
 Emotions, 42
 Endocytic vesicle, 262
 Endocytosis, 262
 EphrinA5, 219
 Epidermal growth factor, 243
 Escape behavior, 62
 Expression analysis, 121
- FM1-43, 262
 Forebrain, 231
 FOS, 72
 Frog, 369
 Fura-2, 106
- Giant interneurons, 62
 Glia, 316
 Gradient, 134
 Granule cells, 352
 Growth cone, 134, 262
 Growth cone guidance, 219
 Growth factors, 121
- Haptotaxis, 134
 Heat shock protein, 341
 Hippocampus, 31, 82, 453
 Homeostasis, 47
 Homology, 369
 5-HT, 106
 HVC, 231, 469
- IKVAV, 134
 Image analysis, 92
 Immediate early genes (IEG), 72
- Immunoblotting, 92
 Immunohistochemistry, 92, 330, 453
In situ hybridization, 289
 Inferior colliculus neurons, 439
 Insect, 164
 Insects, 62
 Interneurons, 453
 Ion channel, 1
 Ischemia-reperfusion injury, 341
- Kainic acid, 207
- Lateral olfactory tract, 330
 Leaner mice, 352
 Learning, 231
 Limbic system, 42
- Manduca sexta*, 164
 MAP kinase, 278
 Mate sampling, 72
 Maternal separation, 42
 Mauthner cell, 425
 Mechanosensory, 316
 Membrane activity, 1
 Microdialysis, 149
 Microglia, 207
 Mollusk, 14
 Monoclonal antibody, 330
 Motor learning, 406
 Mountain chickadee, 31, 82
 Multipotent, 243
 Muscarinic receptor, 316
 Muscle degeneration, 164
 Mushroom bodies, 386
- Naloxone, 149
 Neural network, 361
 Neurodegeneration, 207
 Neuroendocrine, 341
 Neurogenesis, 31, 82
 Neuronal arborization, 361
 Neuronal cultures, 289
 Neuronal development, 42
 Neuronal NOS, 178
 Neuronal outgrowth, 361
 Neurotrophin, 278, 406
 Neurotrophins, 189
 Nicotinic receptors, 453
 Nitric oxide, 14, 42

- NS398, 453
- Olfaction, 14
- Open field, 386
- Opioid, 369
- Optimization, 361
- p38 kinase, 178
- p75^{-/-}* mice, 189
- Paroxysmal dyskinesia, 352
- Physiology, 231
- PI3-kinase, 278
- PKC α , 425
- Plasticity, 72, 469
- Postembryonic development, 62
- Potassium channel, 439
- Preconditioning, 341
- Premotor, 231
- Prenatal auditory stimulation, 92
- Procerebral lobe, 14
- Programmed cell death, 164, 178
- Purkinje cells, 352
- Pyramidal neuron, 278
- RA, 406
- Renewal-expansion, 243
- Respiration, 369
- Retinotectal projection, 219
- Retrograde transport, 262
- RNAi, 289
- Rohon-Beard, 425
- SBFL, 106
- Serotonin, 106
- Sexual dimorphism, 299
- Sexual selection, 72
- Sleep, 469
- Spatial memory, 31, 82
- Stem cells, 243
- Steroid hormone, 164
- Stomatogastric ganglion, 47
- Sturnus vulgaris*, 72
- Summation, 47
- Testosterone, 341
- Thigmotaxis, 386
- Transcription factors, 92
- Transgenic mice, 178
- Trigeminal ganglia, 425
- Trigeminal ganglion, 189
- Trk receptors, 189
- TrkA^{-/-}* mice, 189
- Ventral neuroectoderm, 397
- Zebra finch, 406
- Zebra finch, 469
- ZENK, 72

